

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Sang-cheol KO et al.

Application No.: To be assigned

Group Art Unit: Unassigned

Filed: March 3, 2004

Examiner: Unassigned

For: A METHOD OF FABRICATING AN INK-JET PRINT HEAD USING A LIQUID-JET  
GUIDED LASER

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. ☒ Enclosures accompanying this Information Disclosure Statement are:
  - 1a. ☒ Form PTO-1449.
  - 1b. ☒ Copies of IDS citations.
  - 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
  - 1d. ☒ English language translation (abstracts only) attached to each non-English language publication.
  - 1e. ☐ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.
  - 1f. ☐ List of Co-pending Applications (ATTACHMENT 1(f), hereto).
  - 1g. ☐ List of Additional Submitted Documents (ATTACHMENT 1(g), hereto).
2. ☒ This Information Disclosure Statement is filed under 37 CFR §1.97(b):

*(Check either Item 2a or 2b or 2c or 2d)*


  - 2a. ☐ Within three months of the filing date of a national application other than a Continued Prosecution Application under §1.53(d);
  - 2b. ☐ Within three months of the date of entry of the national stage as set forth in §1.491 in an international application.
  - 2c. ☒ Before the mailing of a first Office Action on the merits; or
  - 2d. ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114.

3. ☒ In accordance with 37 CFR §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:  
(Check appropriate Items 9a, 9b, 9c and/or 9d)
- 3a. ☐ satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office. (See U.S. Patent & Trademark Office's authorization in the Federal Register, Vol. 57, No. 12, January 17, 1992, at page 2031 (Reply to Comment 68).)
- 3b. ☐ set forth in the application.
- 3c. ☒ satisfied because an English language translation (Abstract only) is attached to each non-English language publication.
- 3d. ☐ enclosed as Attachment 1(e), hereto.
4. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).
5. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR §1.17 for this Information Disclosure Statement and/or Petition to Deposit Account No. 502827.

Respectfully submitted,

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Dated: March 3, 2004  
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Docket No.: 102-1019

Sheet 1 of 1

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 102.1019	APPLICATION NO.
LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)		FIRST NAMED INVENTOR Sang-cheol KO	
		FILING DATE March 3, 2004	GROUP ART UNIT

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	4,952,771	8/28/90	Wrobel			
	AB	5,773,791	6/30/98	Kuyendal			
	AC	5,902,499	5/11/99	Richerzhagen			
	AD						
	AE						
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AG	JP61-185260	8/18/1086	Japan			Abs	
	AH	JP09-136421	5/27/1997	Japan			Abs	
	AI							
	AJ							
	AK							
	AL							

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	
	AN	